

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047293.D
 Acq On : 11 Nov 2020 20:46
 Operator : CG/JU
 Sample : L4631-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B11-110420-0-10

Quant Time: Nov 12 02:09:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

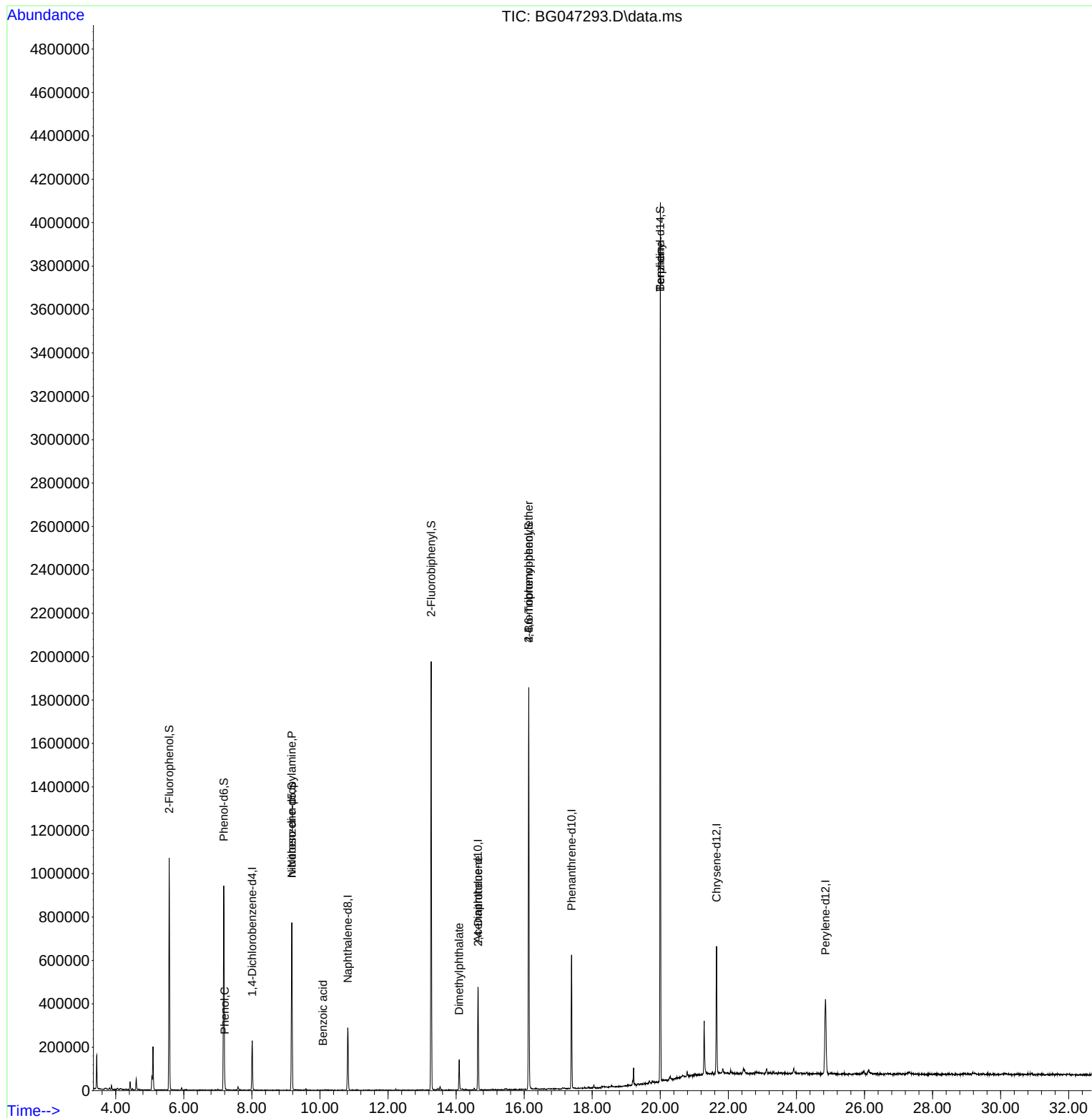
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	58643	20.00	ng	0.00
21) Naphthalene-d8	10.818	136	236614	20.00	ng	0.00
39) Acenaphthene-d10	14.643	164	165480	20.00	ng	0.00
64) Phenanthrene-d10	17.392	188	388606	20.00	ng	# 0.00
76) Chrysene-d12	21.652	240	373904	20.00	ng	# 0.00
86) Perylene-d12	24.854	264	372036	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.571	112	411882	113.85	ng	0.01
7) Phenol-d6	7.175	99	481831	92.00	ng	0.02
23) Nitrobenzene-d5	9.173	82	450513	81.71	ng	0.00
42) 2,4,6-Tribromophenol	16.135	330	359818	129.85	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	988554	76.62	ng	0.00
79) Terphenyl-d14	20.001	244	1675272	78.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.204	94	11802	2.38	ng	# 69
19) n-Nitroso-di-n-propyla...	9.173	70	65667	19.08	ng	# 78
32) Benzoic acid	10.089	122	76	4.77	ng	# 1
50) Dimethylphthalate	14.090	163	88134	6.03	ng	98
57) 2,4-Dinitrotoluene	14.648	165	21891	4.95	ng	# 32
67) 4-Bromophenyl-phenylether	16.135	248	24638	4.54	ng	# 1
77) Benzidine	20.001	184	29950	2.39	ng	# 94

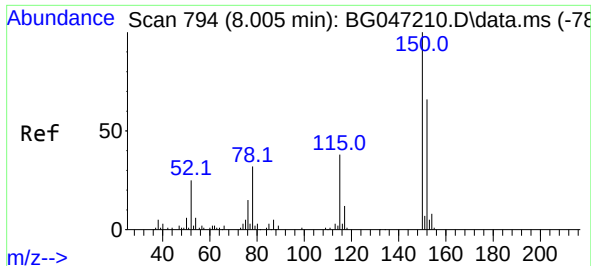
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG047293.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_G
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PAV-B11-110420-0-10

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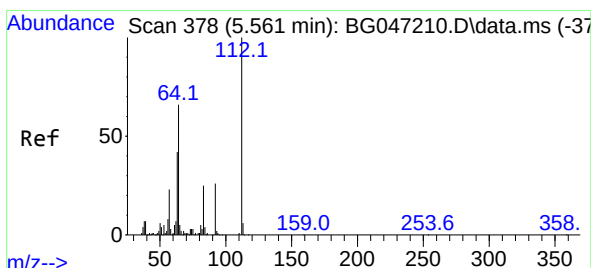
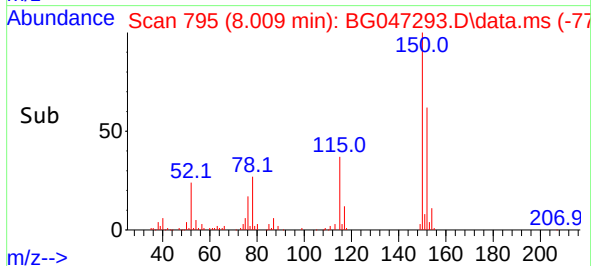
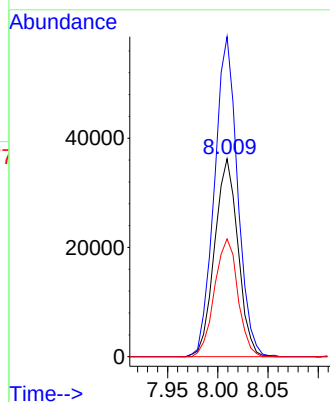
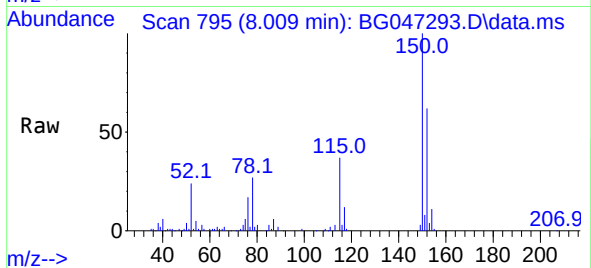




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.009 min Scan# 795
Delta R.T. 0.004 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

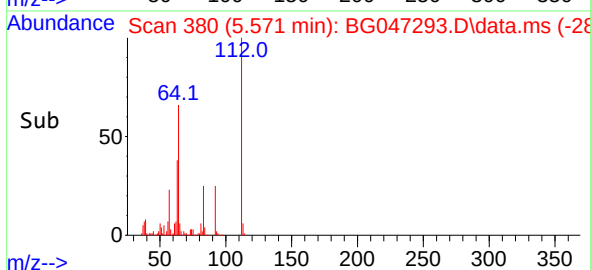
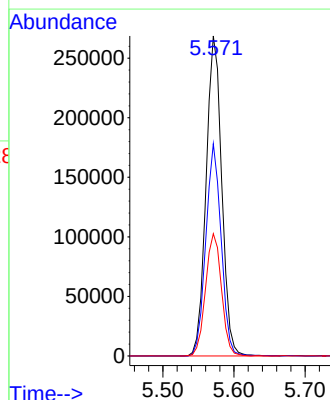
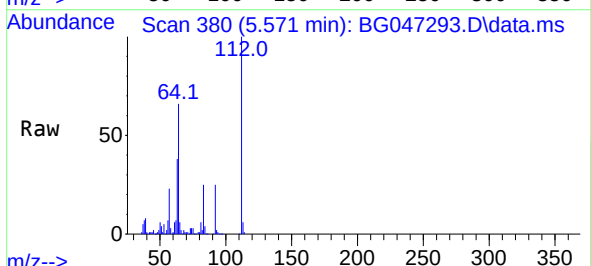
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

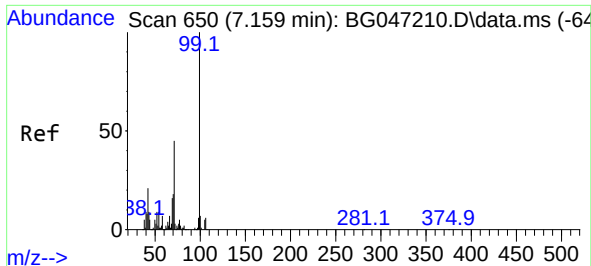
Tgt Ion:152 Resp: 58643
Ion Ratio Lower Upper
152 100
150 161.7 125.0 187.6
115 59.5 41.8 62.6



#5
2-Fluorophenol
Concen: 113.85 ng
RT: 5.571 min Scan# 380
Delta R.T. 0.010 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Tgt Ion:112 Resp: 411882
Ion Ratio Lower Upper
112 100
64 66.3 46.7 70.1
63 38.2 22.8 34.2#

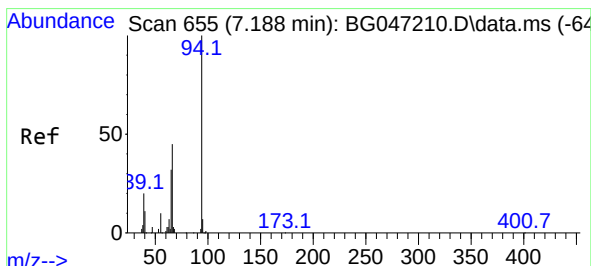
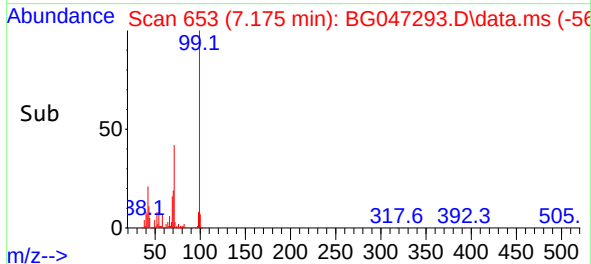
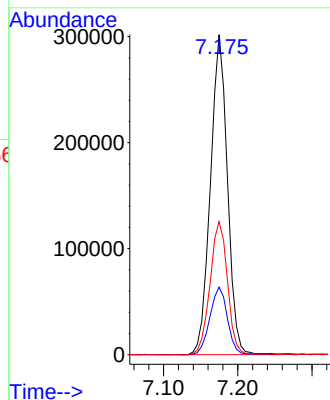
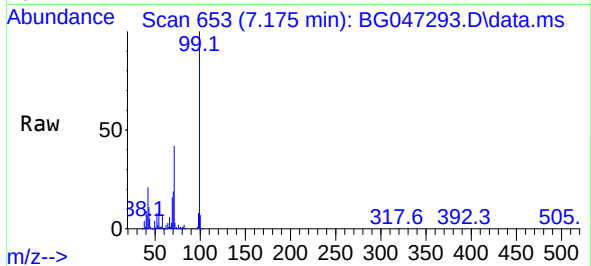




#7
Phenol-d6
Concen: 92.00 ng
RT: 7.175 min Scan# 653
Delta R.T. 0.016 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

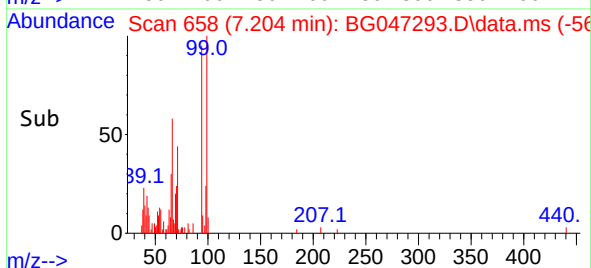
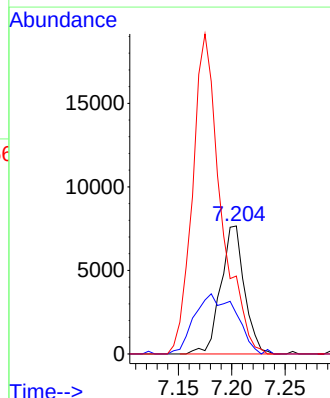
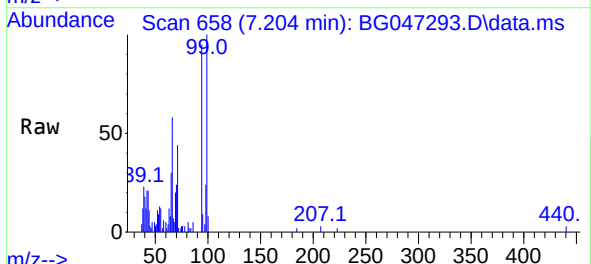
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

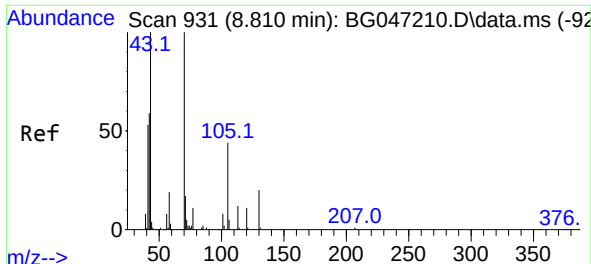
Tgt Ion: 99 Resp: 481831
Ion Ratio Lower Upper
99 100
42 21.1 12.8 19.2#
71 41.6 24.6 36.8#



#10
Phenol
Concen: 2.38 ng
RT: 7.204 min Scan# 658
Delta R.T. 0.016 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

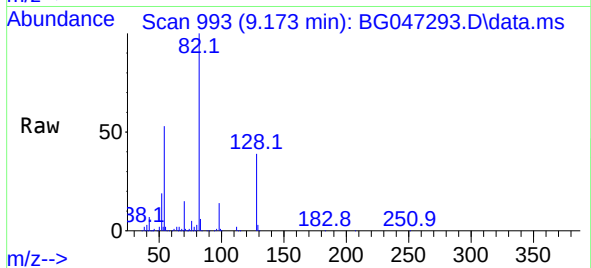
Tgt Ion: 94 Resp: 11802
Ion Ratio Lower Upper
94 100
65 31.5 6.6 46.6
66 60.8 13.9 53.9#





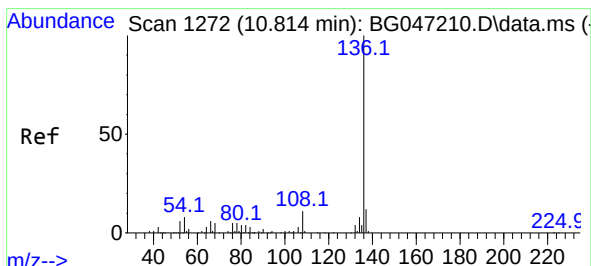
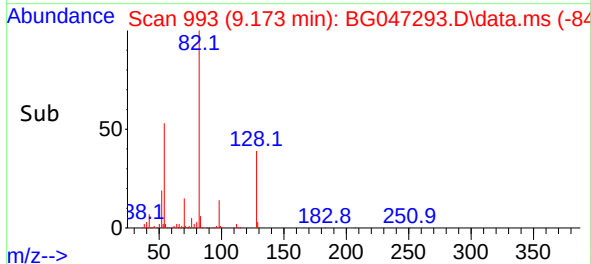
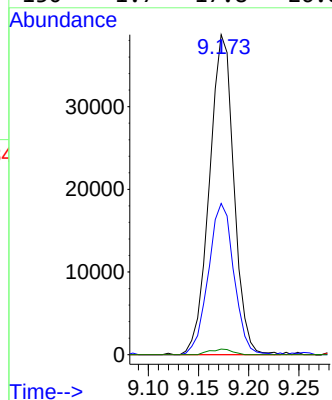
#19
n-Nitroso-di-n-propylamine
Concen: 19.08 ng
RT: 9.173 min Scan# 993
Delta R.T. 0.363 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

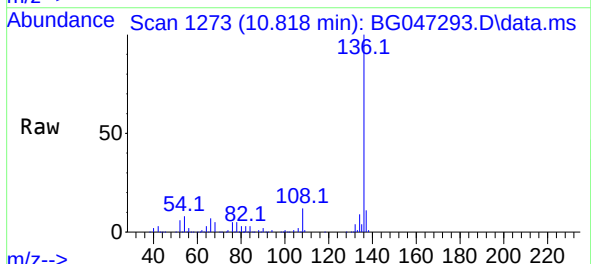


Tgt Ion: 70 Resp: 65667

Ion	Ratio	Lower	Upper
70	100		
42	47.2	45.6	68.4
101	0.0	8.4	12.6#
130	1.7	17.8	26.8#

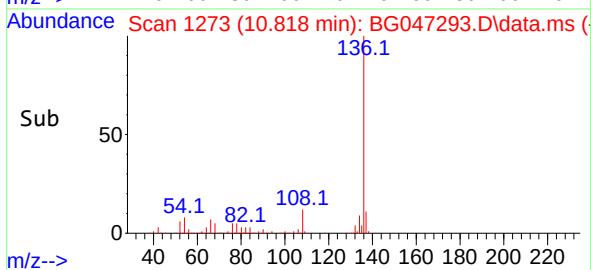
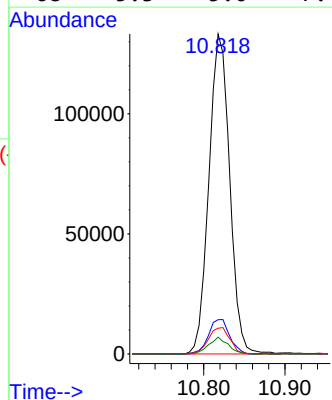


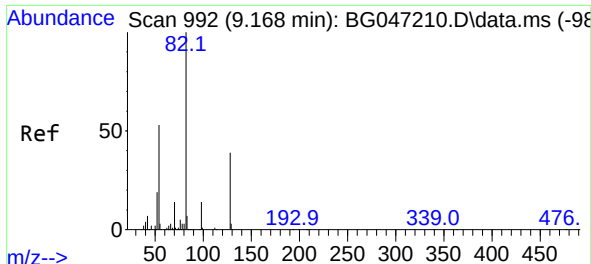
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.818 min Scan# 1273
Delta R.T. 0.004 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46



Tgt Ion: 136 Resp: 236614

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.0	6.2	9.4
68	5.3	5.0	7.4

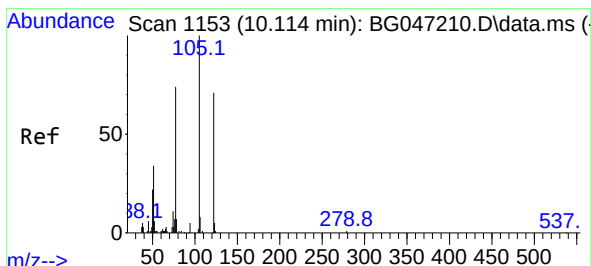
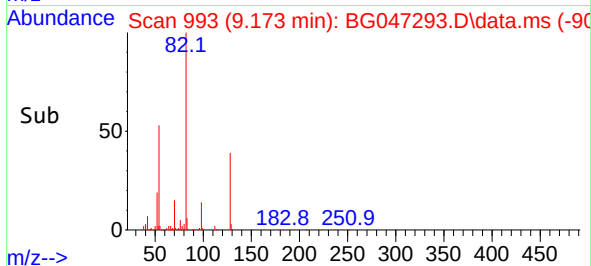
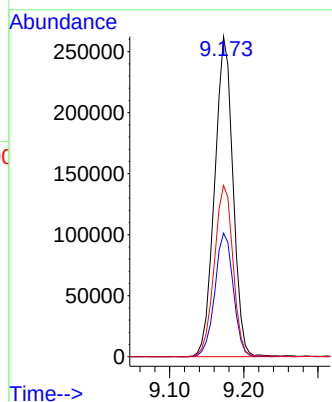
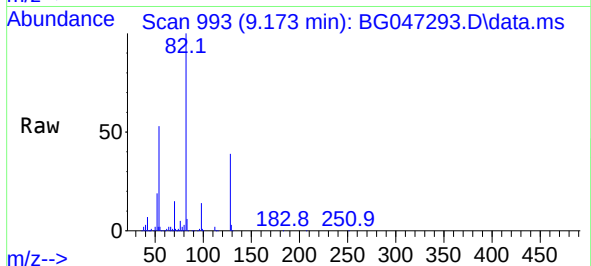




#23
Nitrobenzene-d5
Concen: 81.71 ng
RT: 9.173 min Scan# 993
Delta R.T. 0.004 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

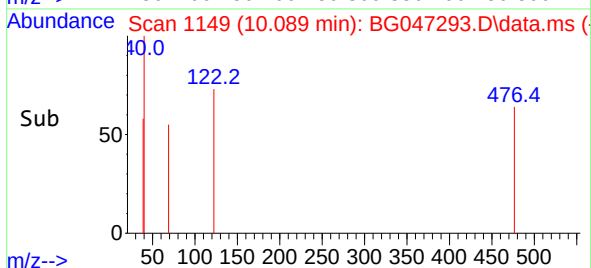
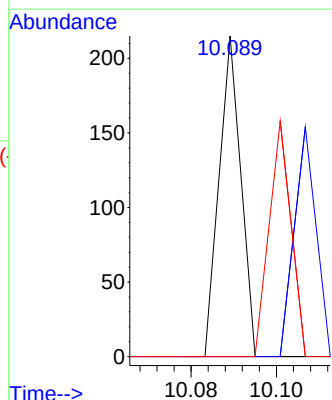
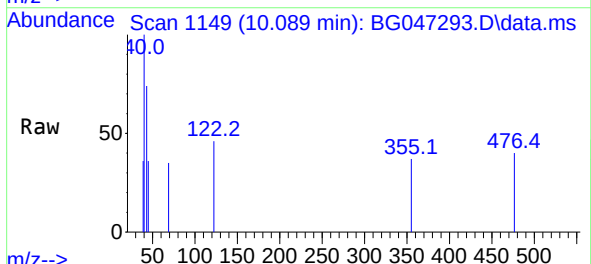
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

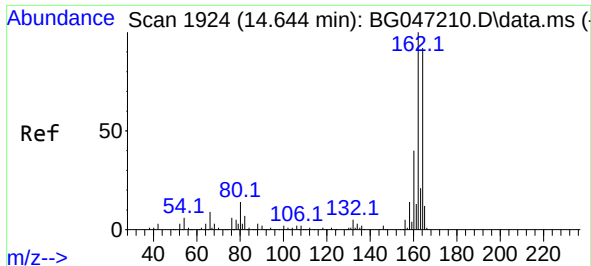
Tgt Ion: 82 Resp: 450513
Ion Ratio Lower Upper
82 100
128 38.6 37.0 55.6
54 53.5 39.0 58.4



#32
Benzoic acid
Concen: 4.77 ng
RT: 10.089 min Scan# 1149
Delta R.T. -0.025 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Tgt Ion: 122 Resp: 76
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



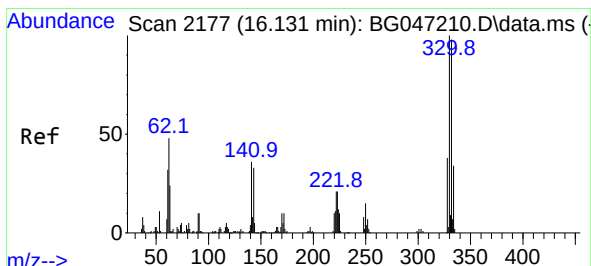
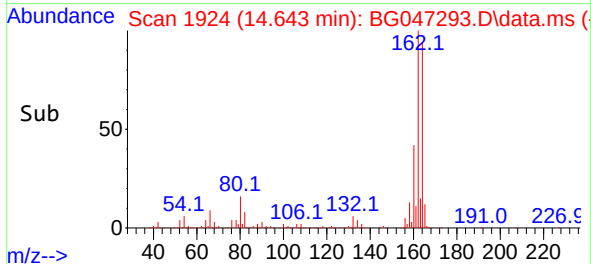
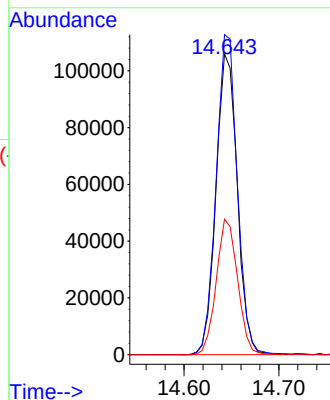
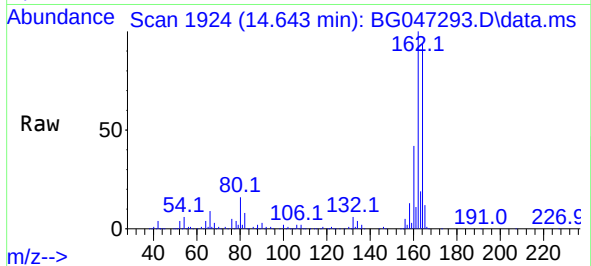


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.643 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

Tgt Ion:164 Resp: 165480

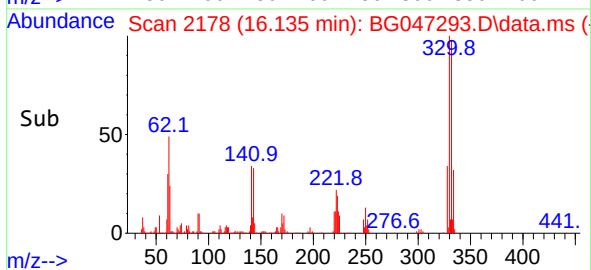
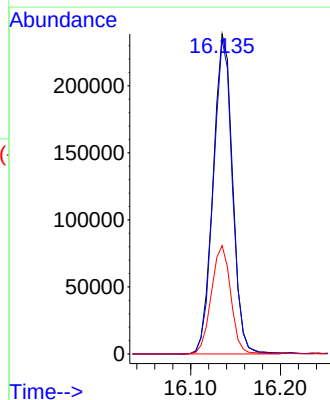
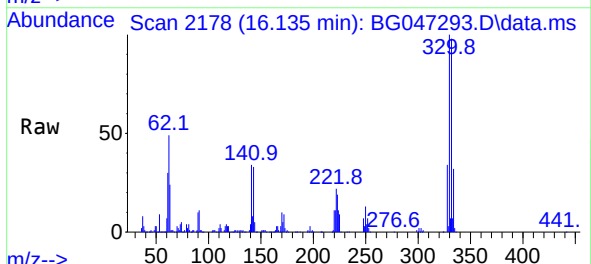
Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.3	123.5
160	45.1	35.3	52.9

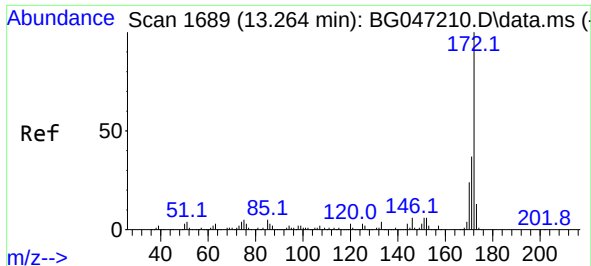


#42
2,4,6-Tribromophenol
Concen: 129.85 ng
RT: 16.135 min Scan# 2178
Delta R.T. 0.004 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Tgt Ion:330 Resp: 359818

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	33.7	26.0	39.0

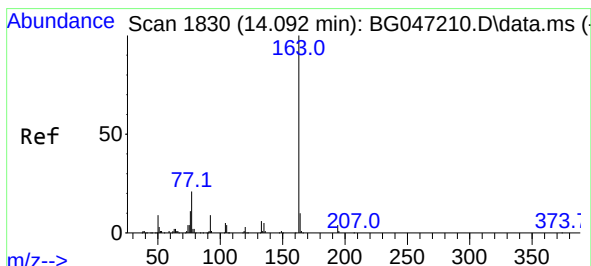
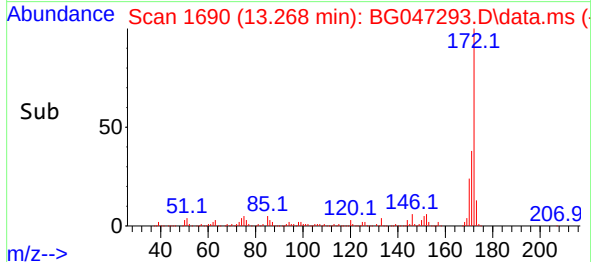
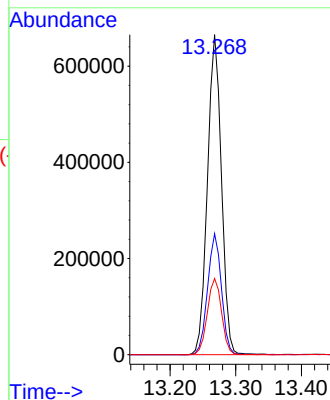
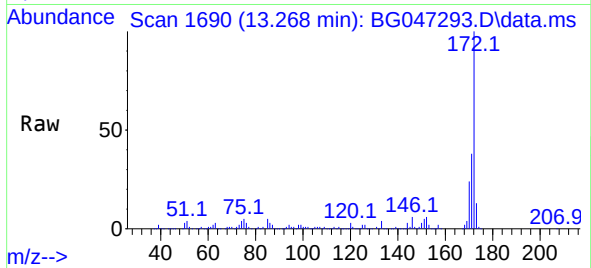




#45
2-Fluorobiphenyl
Concen: 76.62 ng
RT: 13.268 min Scan# 1690
Delta R.T. 0.004 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

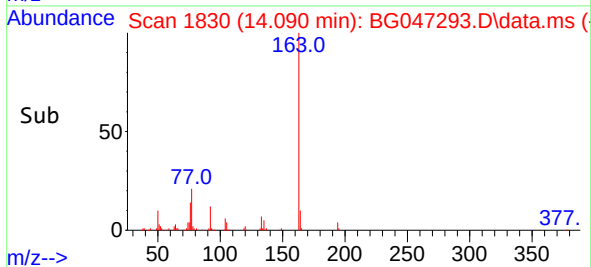
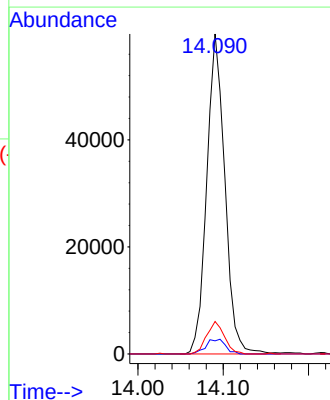
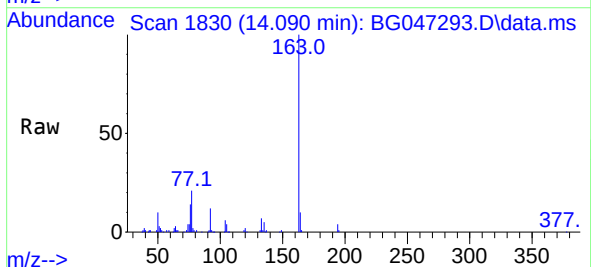
Instrument :
BNA_G
ClientSampleId :
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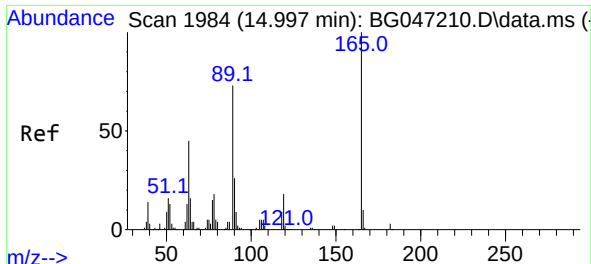
Tgt Ion:172	Resp:	988554
Ion Ratio	Lower	Upper
172	100	
171	37.8	31.3 46.9
170	23.8	20.8 31.2



#50
Dimethylphthalate
Concen: 6.03 ng
RT: 14.090 min Scan# 1830
Delta R.T. -0.002 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

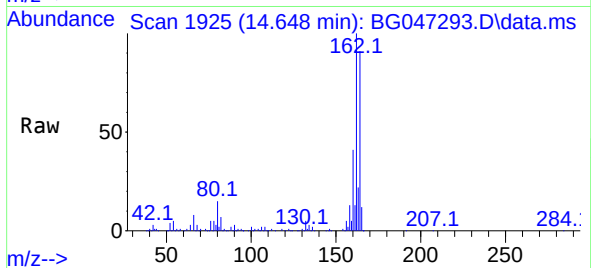
Tgt Ion:163	Resp:	88134
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.8 5.8
164	10.2	8.8 13.2



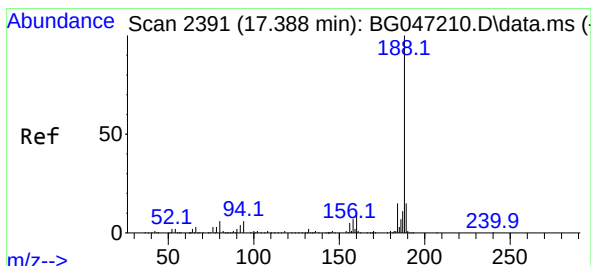
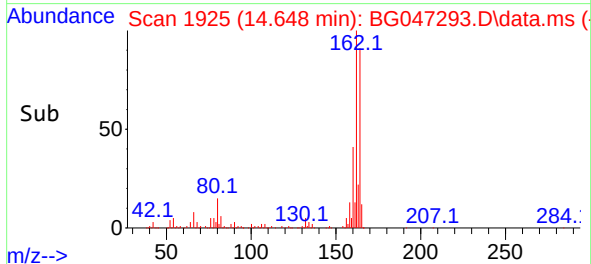
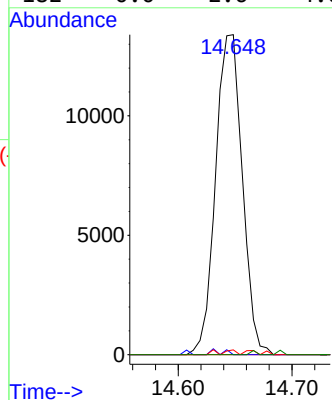


#57
2,4-Dinitrotoluene
Concen: 4.95 ng
RT: 14.648 min Scan# 1925
Delta R.T. -0.348 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

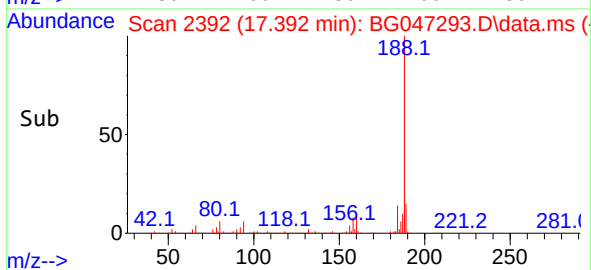
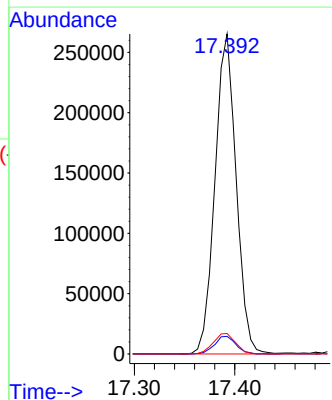
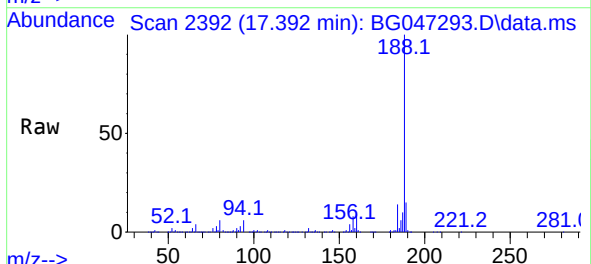


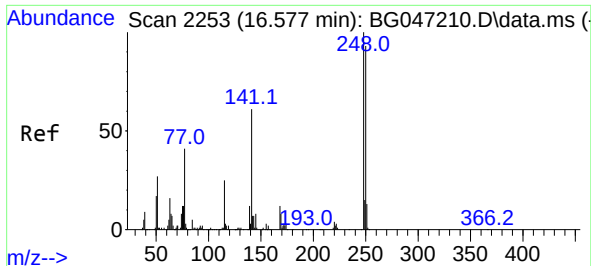
Tgt Ion:165 Resp: 21891
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.5 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.392 min Scan# 2392
Delta R.T. 0.004 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Tgt Ion:188 Resp: 388606
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 6.4 7.0 10.6#

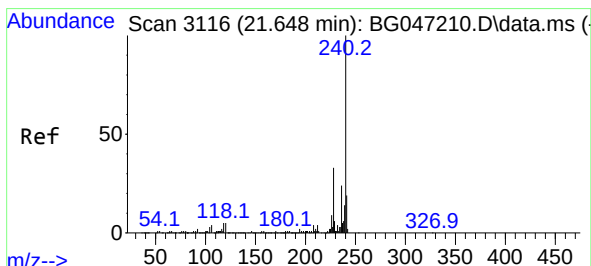
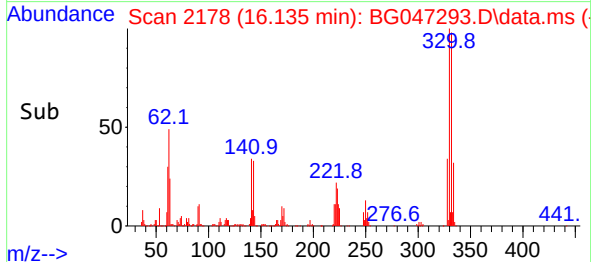
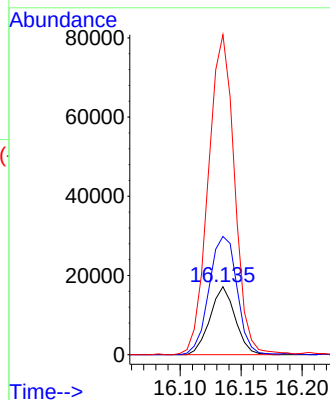
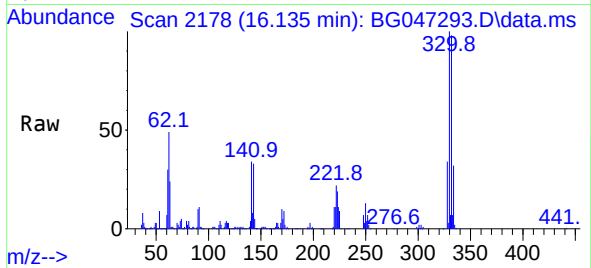




#67
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 16.135 min Scan# 2178
Delta R.T. -0.442 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

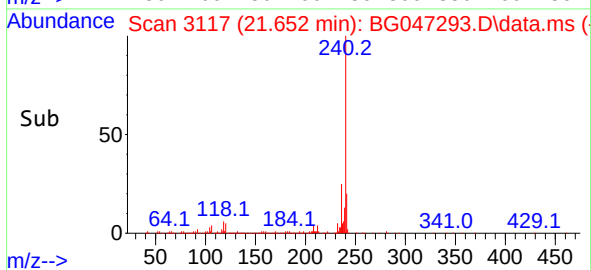
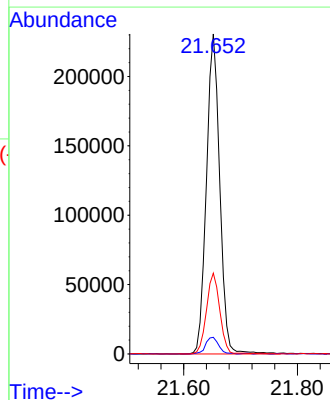
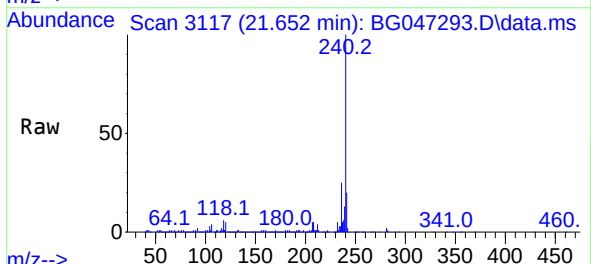
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

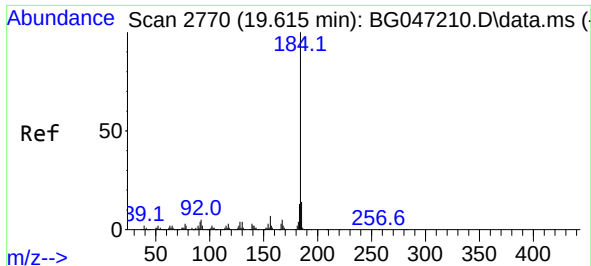
Tgt Ion:248 Resp: 24638
Ion Ratio Lower Upper
248 100
250 174.1 78.9 118.3#
141 471.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.652 min Scan# 3117
Delta R.T. 0.004 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Tgt Ion:240 Resp: 373904
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 25.2 20.5 30.7

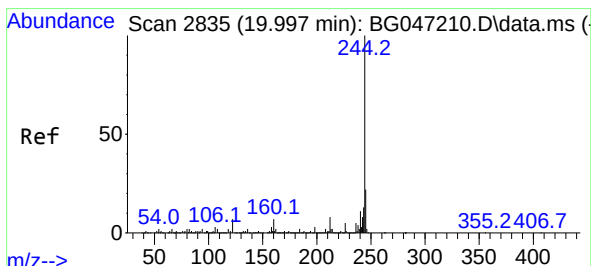
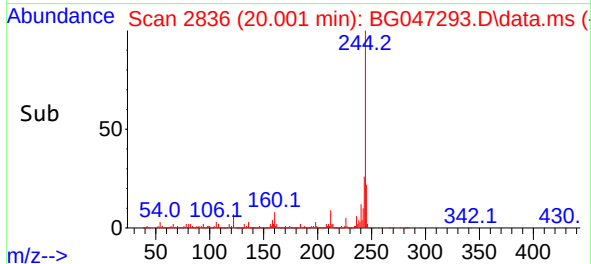
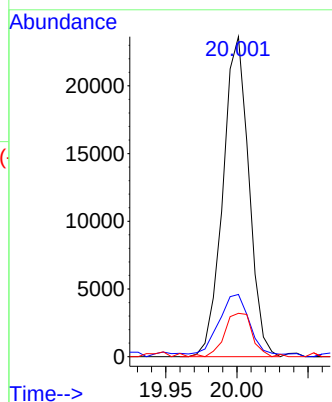
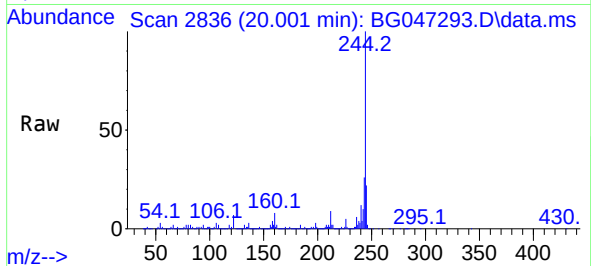




#77
Benzidine
Concen: 2.39 ng
RT: 20.001 min Scan# 2836
Delta R.T. 0.386 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

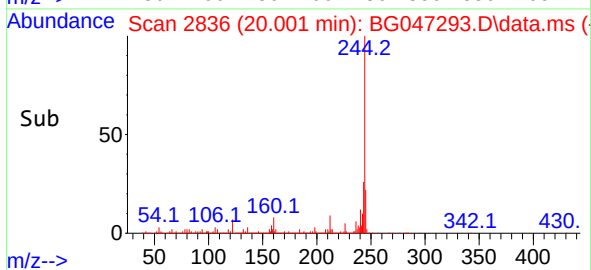
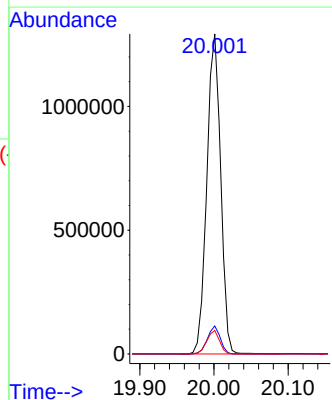
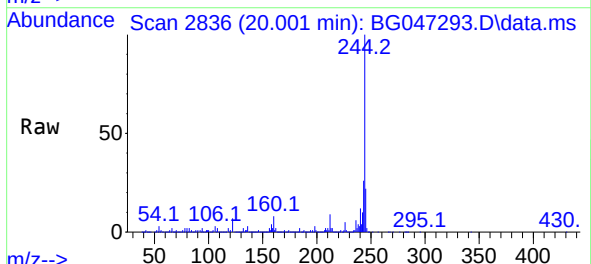
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

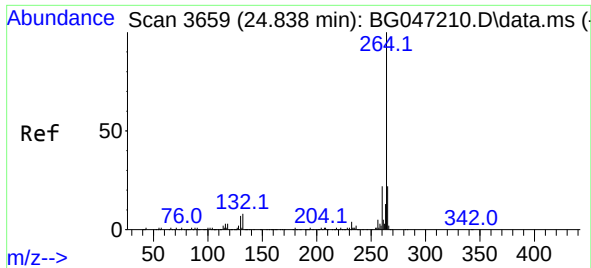
Tgt Ion:184 Resp: 29950
Ion Ratio Lower Upper
184 100
185 19.5 12.4 18.6#
183 13.6 10.6 15.8



#79
Terphenyl-d14
Concen: 78.79 ng
RT: 20.001 min Scan# 2836
Delta R.T. 0.004 min
Lab File: BG047293.D
Acq: 11 Nov 2020 20:46

Tgt Ion:244 Resp: 1675272
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 7.3 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.854 min Scan# 3662
 Delta R.T. 0.016 min
 Lab File: BG047293.D
 Acq: 11 Nov 2020 20:46

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B11-110420-0-10

Tgt Ion:	264	Resp:	372036
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.8	17.8	26.8

